



U.S. ARMY CHEMICAL
MATERIALS AGENCY

FACT SHEET

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Deseret Chemical Depot

TOCDF's Multiple Safety Features Ensure Protection

The U. S. Army Chemical Materials Agency's top priority is the safety of its workers, the community and the environment. In fact, safety features and extensive employee training are crucial components of the Tooele Chemical Agent Disposal Facility (TOCDF) design and operation.

The TOCDF incorporates a number of safety features into its state-of-the-art facility to ensure worker safety and health. Each of the facility's five incinerators has an extensive pollution abatement system to protect against harmful emissions. These systems cool and clean exhaust gases, chemically neutralize acidic components and remove particles before being discharged into the environment.

The TOCDF's advanced indoor air filtration system is another safety measure that protects plant personnel and the environment. This system constantly circulates air throughout the facility and then through charcoal filters. This guarantees both clean air for workers and containment of agent within the plant.

The TOCDF operates advanced monitoring systems to ensure the safety of its workers and the environment. More than 150 automatic monitoring systems continually check the air and sound an alert if any potential chemical agent is detected. The monitoring systems are capable of detecting agent concentrations at very low levels, well below the levels at which human health effects would be possible and conservatively within all federal and state safety requirements. To ensure the accuracy of stack monitors, they are calibrated and tested every four hours.

The Army is dedicated to operating a safe facility at the TOCDF. Highly skilled operators help to ensure the health and safety of the workers, communities and environment. All operators receive in-depth training to ensure they are



familiar with the safety and health procedures. Following classroom training, operators receive supervised hands-on training. Workers are also trained in emergency response procedures to provide an added level of protection.

In addition to these safety measures at the facility, a number of different oversight organizations conduct regular inspections at the TOCDF. These range from daily inspections by safety professionals to periodic inspections by regulatory agencies such as the Department of Health and Human Services, the Occupational Safety and Health Administration, and state departments of environmental quality.

The Army works very closely with federal, state, and local officials to ensure that its standards meet or exceed all environmental, safety, and health standards. Safety is the Army's top priority.

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